



READERS



METAL

Machines

Deborah Lock

A Note to Parents

DK READERS is a compelling program for beginning readers, designed in conjunction with leading literacy experts, including Dr. Linda Gambrell, Distinguished Professor of Education at Clemson University.

Dr. Gambrell has served as President of the National Reading Conference, the College Reading Association, and the International Reading Association.

Beautiful illustrations and superb full-color photographs combine with engaging, easy-to-read stories to offer a fresh approach to each subject in the series. Each DK READER is guaranteed to capture a child's interest while developing his or her reading skills, general knowledge, and love of reading.

The five levels of DK READERS are aimed at different reading abilities, enabling you to choose the books that are exactly right for your child:

Pre-level 1: Learning to read

Level 1: Beginning to read

Level 2: Beginning to read alone

Level 3: Reading alone

Level 4: Proficient readers

The “normal” age at which a child begins to read can be anywhere from three to eight years old. Adult participation through the lower levels is very helpful for providing encouragement, discussing storylines, and sounding out unfamiliar words.

No matter which level you select, you can be sure that you are helping your child learn to read, then read to learn!





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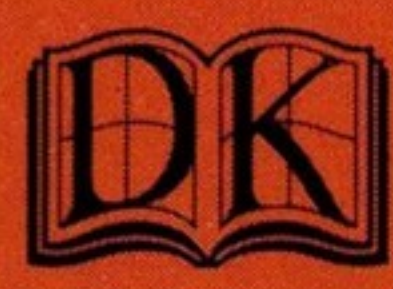
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 READERS



MEGA Machines



Written by Deborah Lock



Stage 1 Clearing the site



“Hard hats on!”

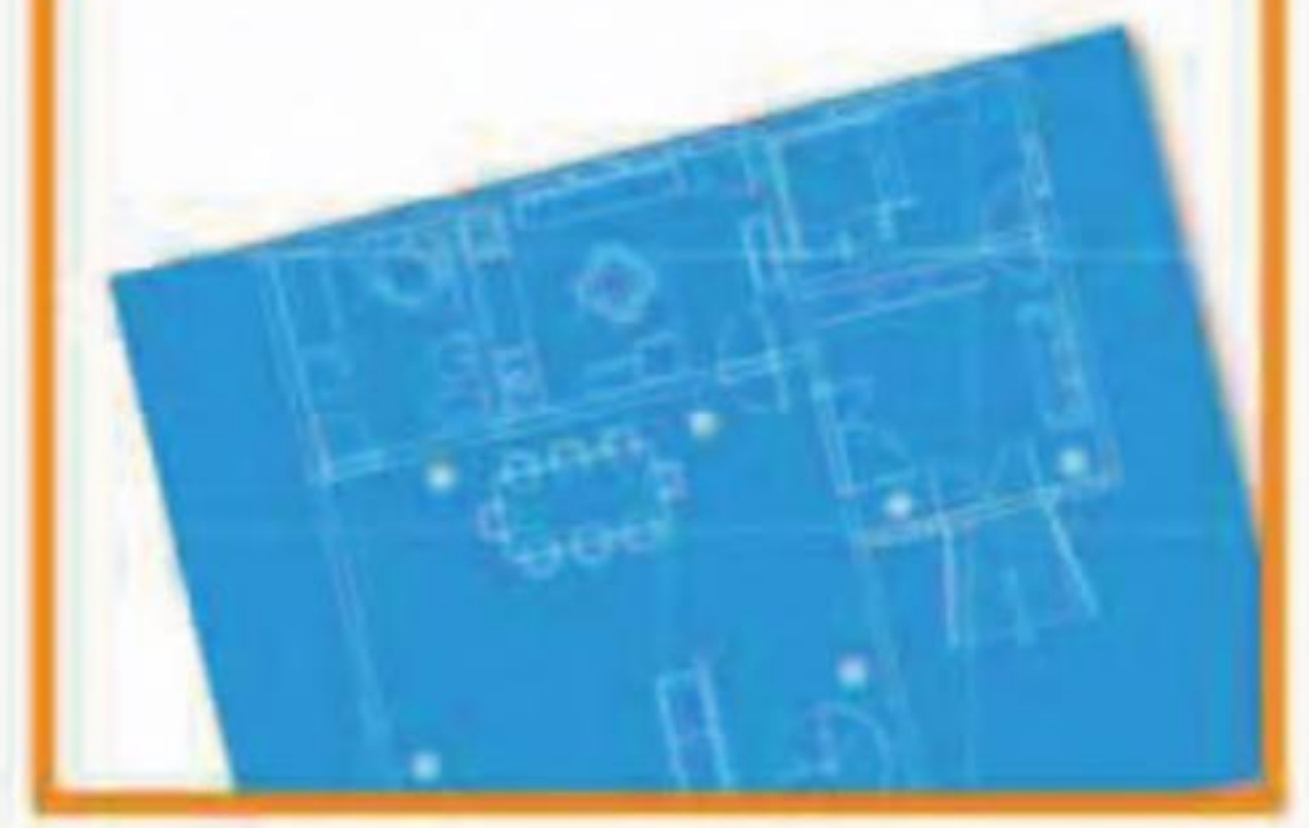
says the foreman,
getting to work.



foreman



plans



“Welcome to
the construction site.

The plans are ready
for building a new school.

The mega machines are ready
to start work.”

Rumble, rumble!

“Here they come!”



This picture shows what the new school
will look like.



“What a mess!”

says the foreman,
scratching his head.

The site is not level and
it is covered with rubble.

The bulldozer, front loader,
and dump truck
are needed.

The bulldozer pushes
the dirt and rubble
with its blade.



It moves along
on crawler tracks.

Hum, rumble, hum!



The front loader scoops up
the mounds of dirt and
rubble.

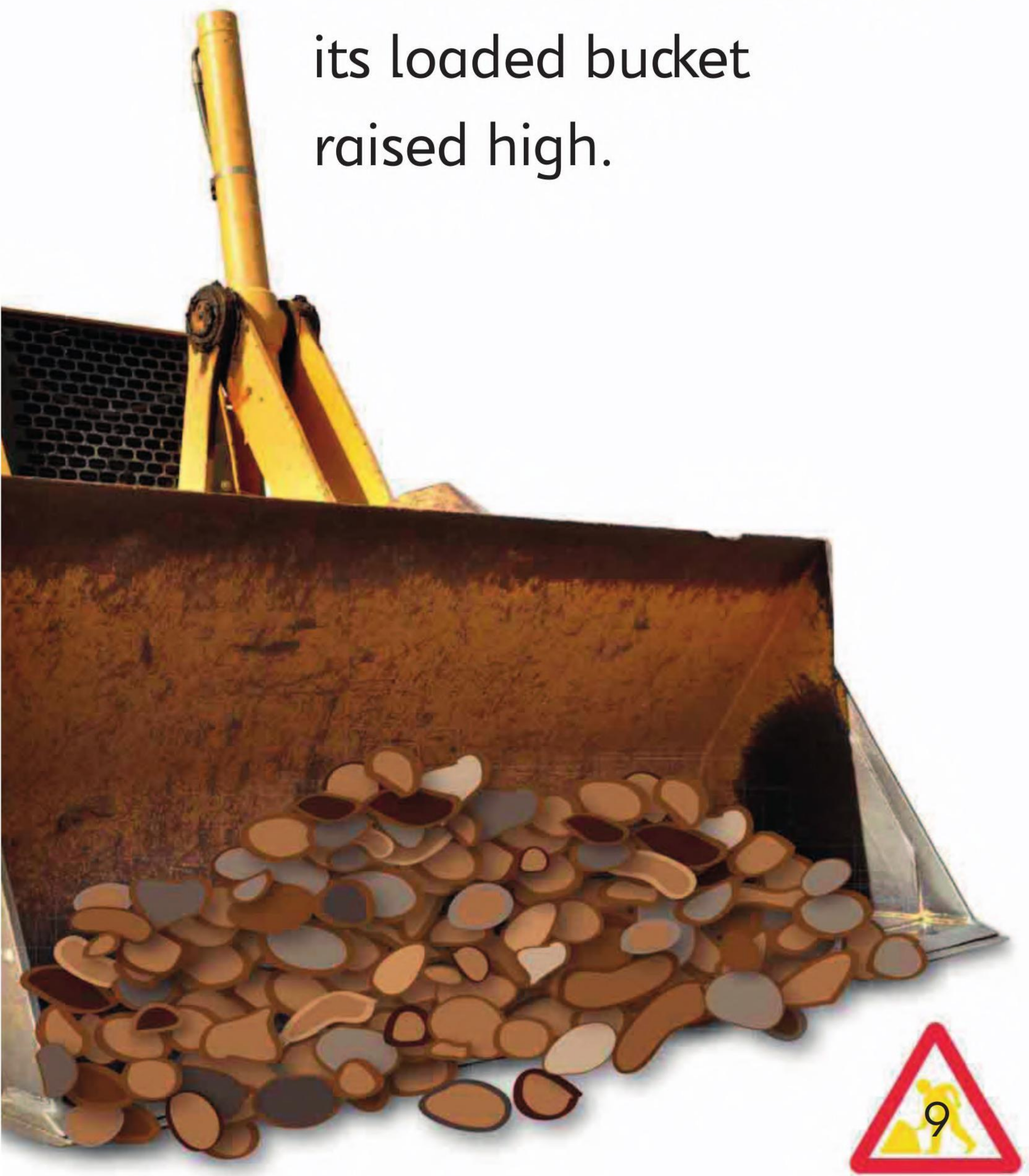
The bucket moves.

Forward...
down...



scoop... up!

The front loader carries
its loaded bucket
raised high.



The dump truck will take
the dirt and rubble away.

The bucket of the front loader
tips up over the dumping bed.

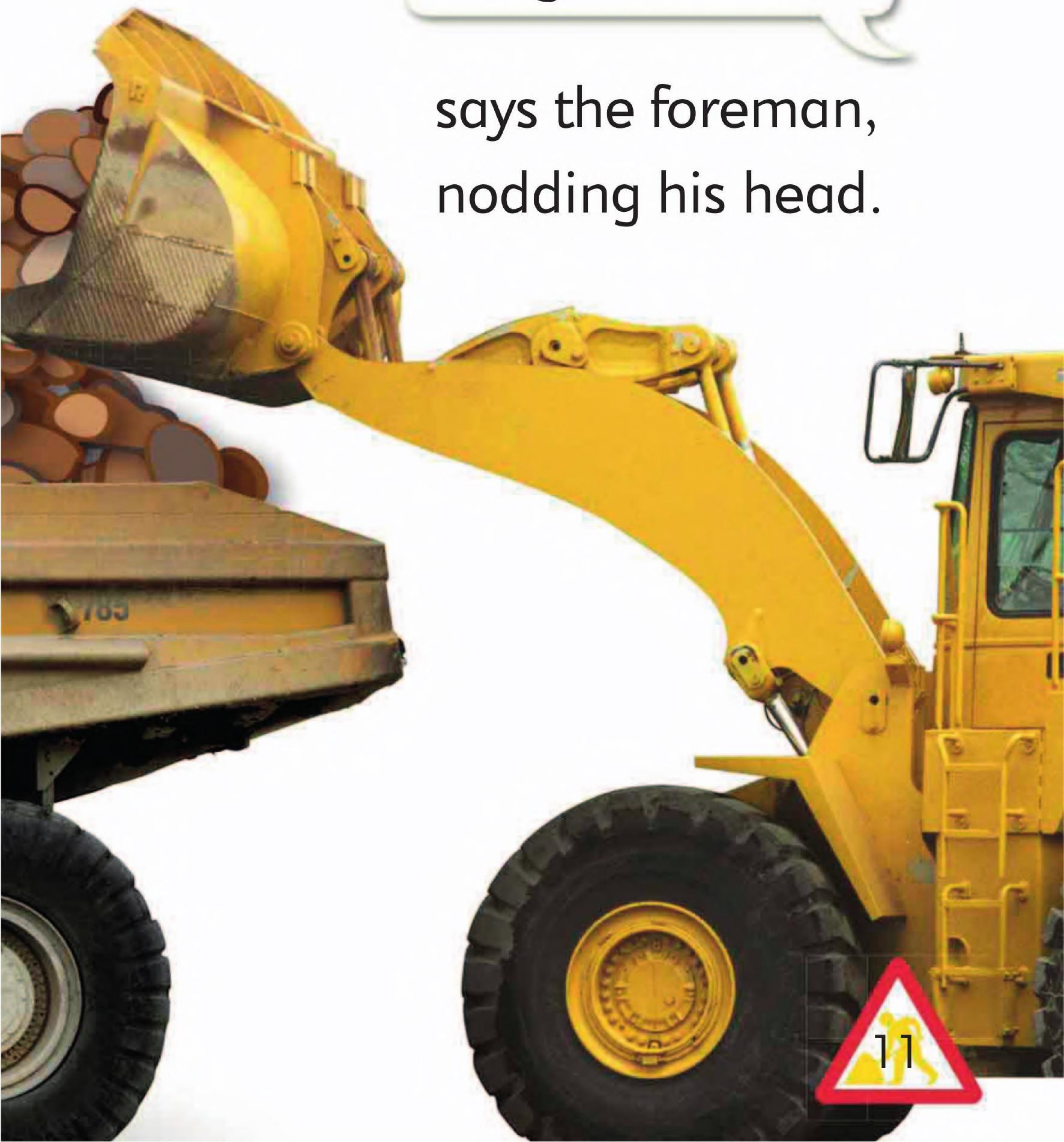
Swish, clatter,
clatter, swish!



The front loader
goes back and forth
to collect some more.

“Stage 1 is done,”

says the foreman,
nodding his head.





Stage 2

Digging the site



“What a noise!”

shouts the foreman,
covering his ears.

The site is now clear
and the excavator
has arrived.



The excavator is needed
to dig some deep holes.

The arm moves.

Lower... scoop...
lift... turn...
drop...
turn!



Whirr, rumble, whirr!

Along comes
the concrete mixer.
The mixing drum
must keep spinning.

“Pour the concrete
into the hole,”

orders the foreman.

“Leave it
to harden.”



concrete

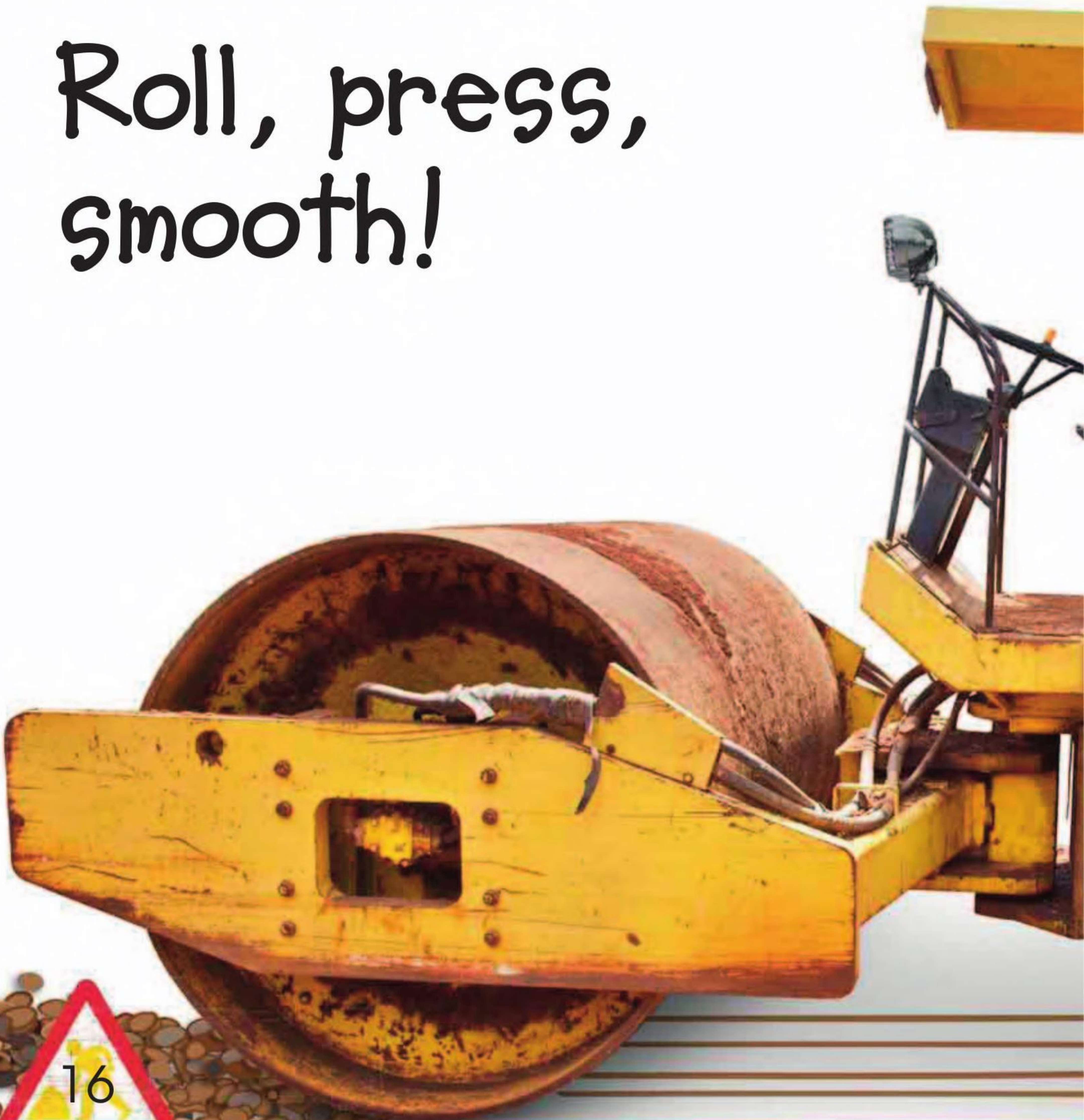


More holes are
dug and filled.
This makes a firm base
for the new school.



The concrete is hard.
The holes have been filled.
Here comes the roller
to make the ground
smooth and flat.

Roll, press,
smooth!



The roller squashes down
the dirt.

“Stage 2 is done,”

says the foreman,
rubbing his ear.





Stage 3

Building the frame

“Raise the crane,”

shouts the foreman,
lifting his arms.



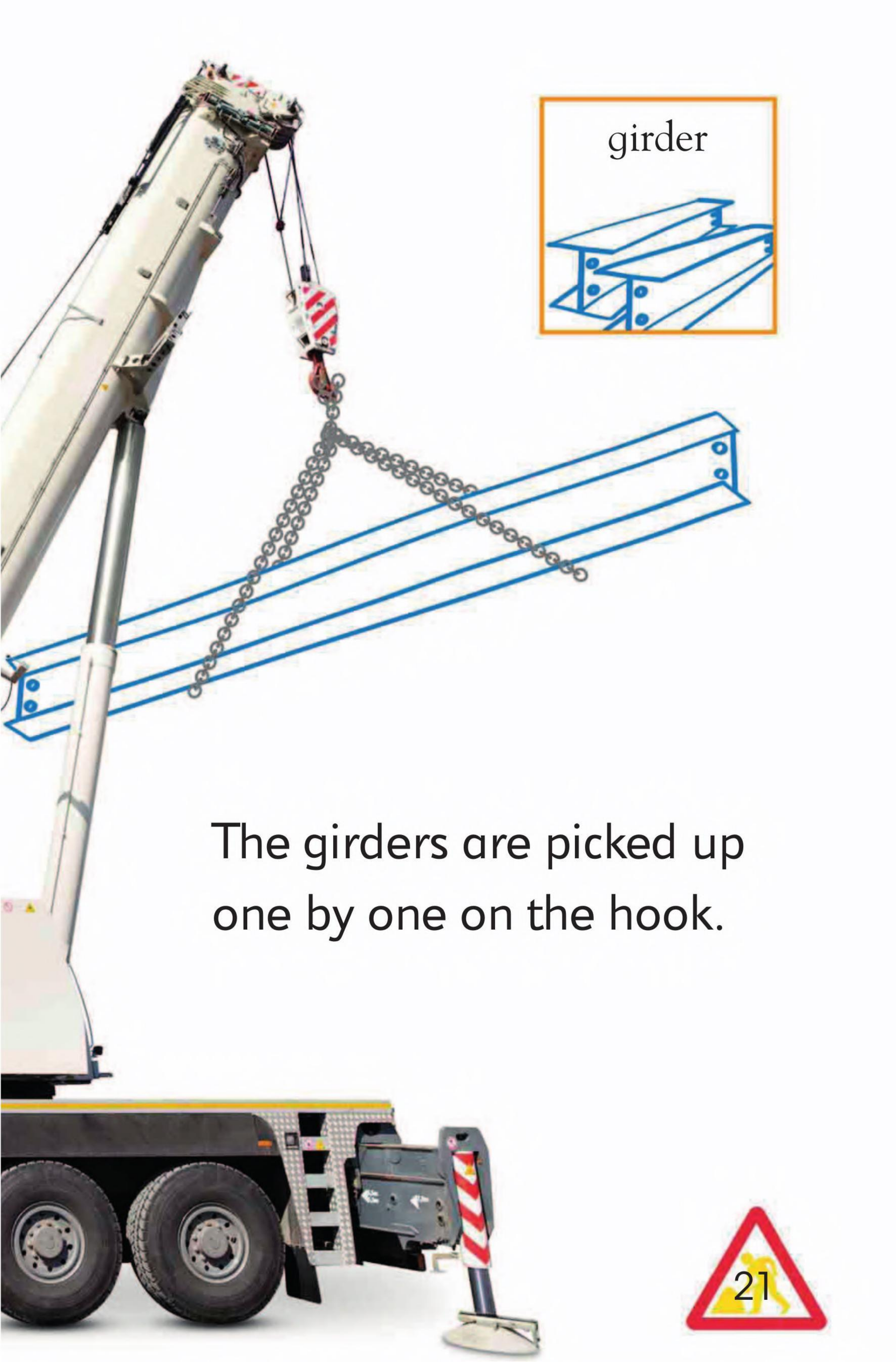
A large mobile crane arrives.
Up, up goes the boom.
The hook hangs from
the chain at the end
of the boom.



The long trucks bring
the strong steel girders.
The crane driver moves
the levers to lower the hook.

Lower... hook...
lift... turn...
lower... fit...
unhook!

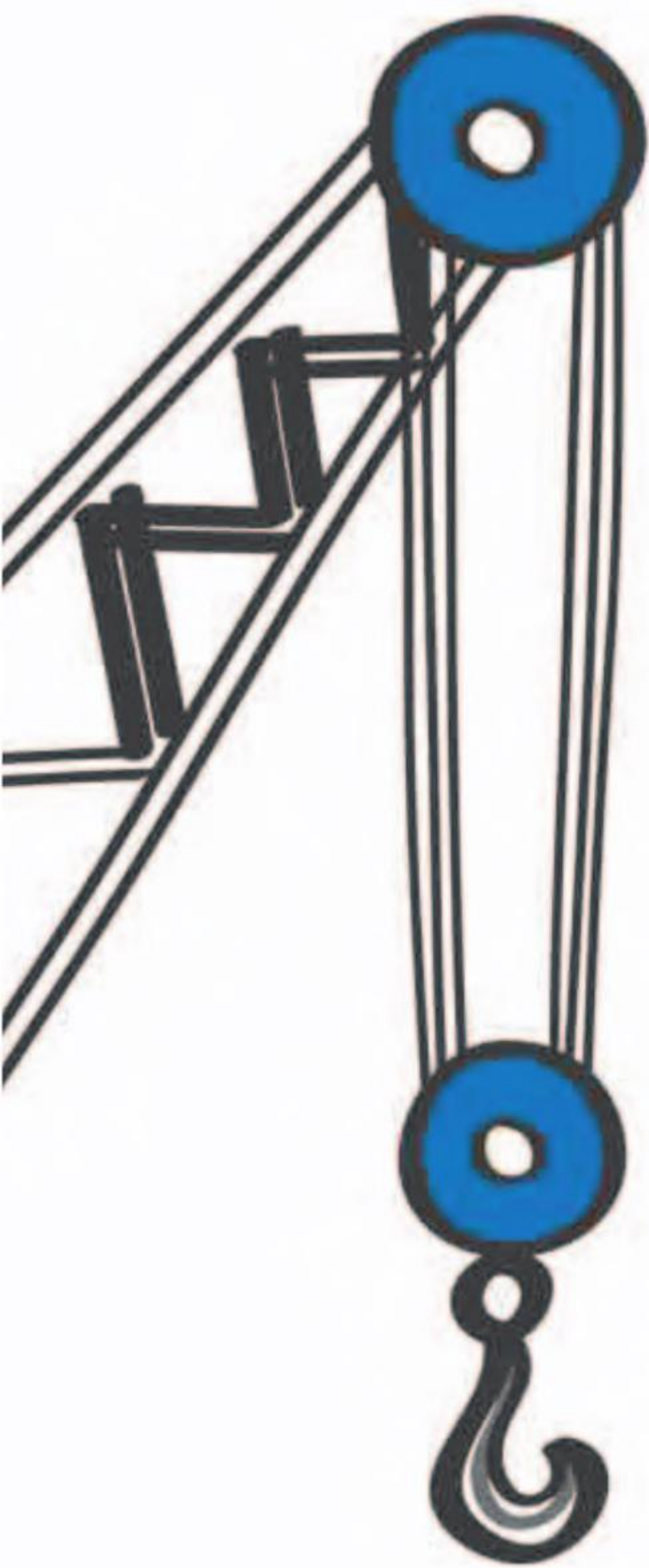




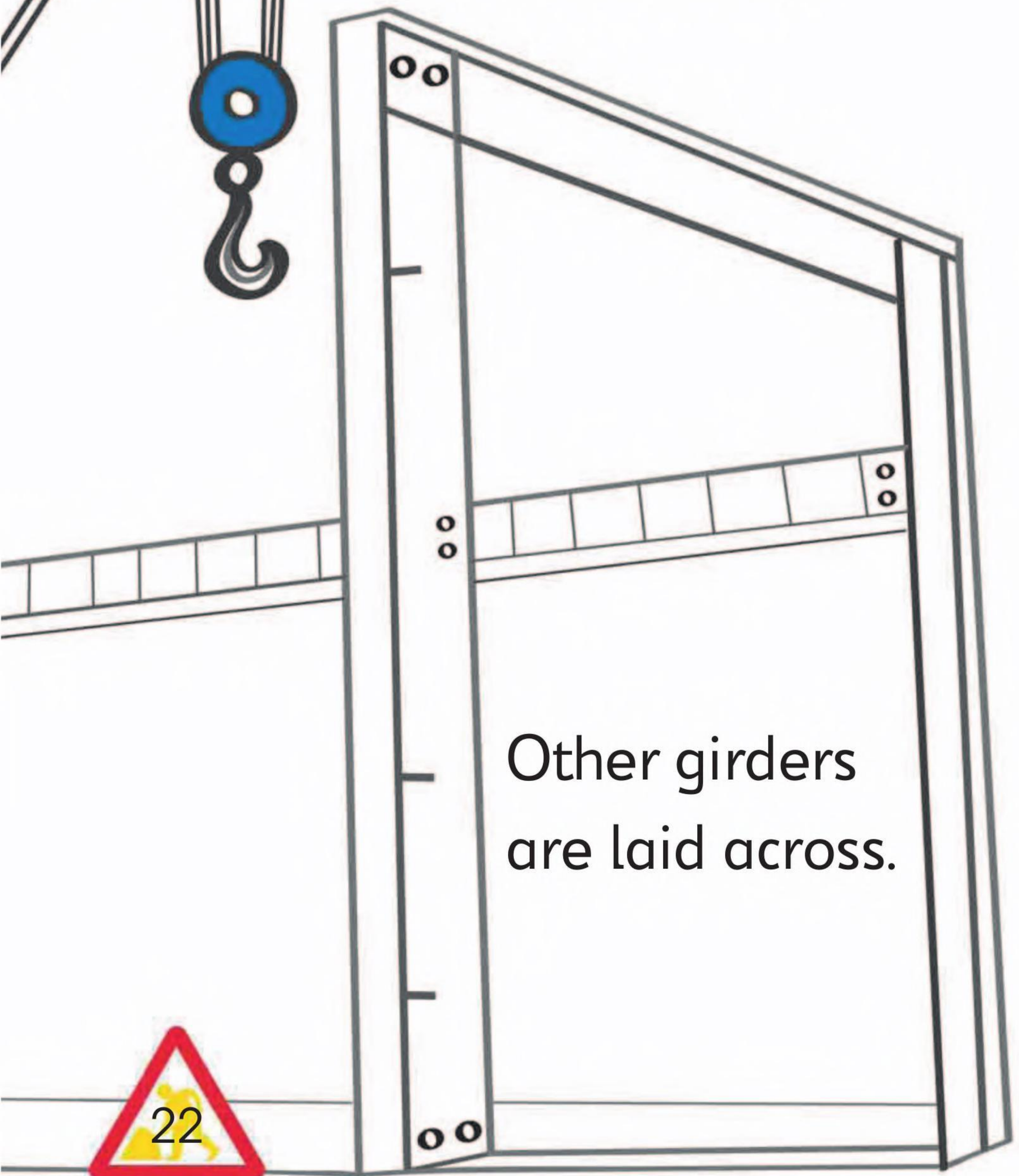
girder

The girders are picked up one by one on the hook.





The upright girders
are fitted together first.
The crane swings
back and forth.



Other girders
are laid across.

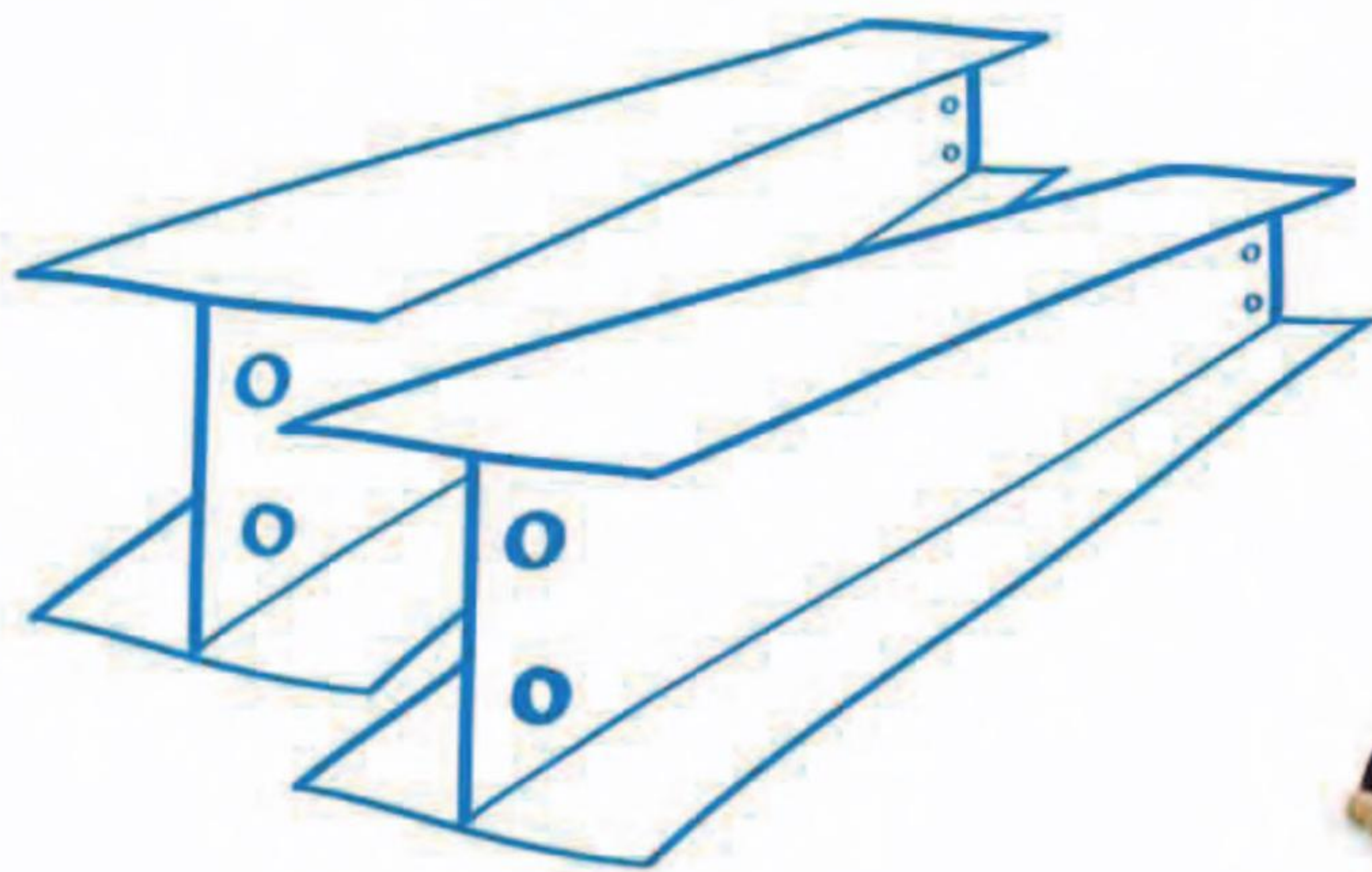
The girders will support
the floors and the roof
of the school.

The workers bolt the girders
together.

Turn, twist, hammer!

“Stage 3 is done,”

says the foreman,
wiping his forehead.





Stage 4

Finishing the school



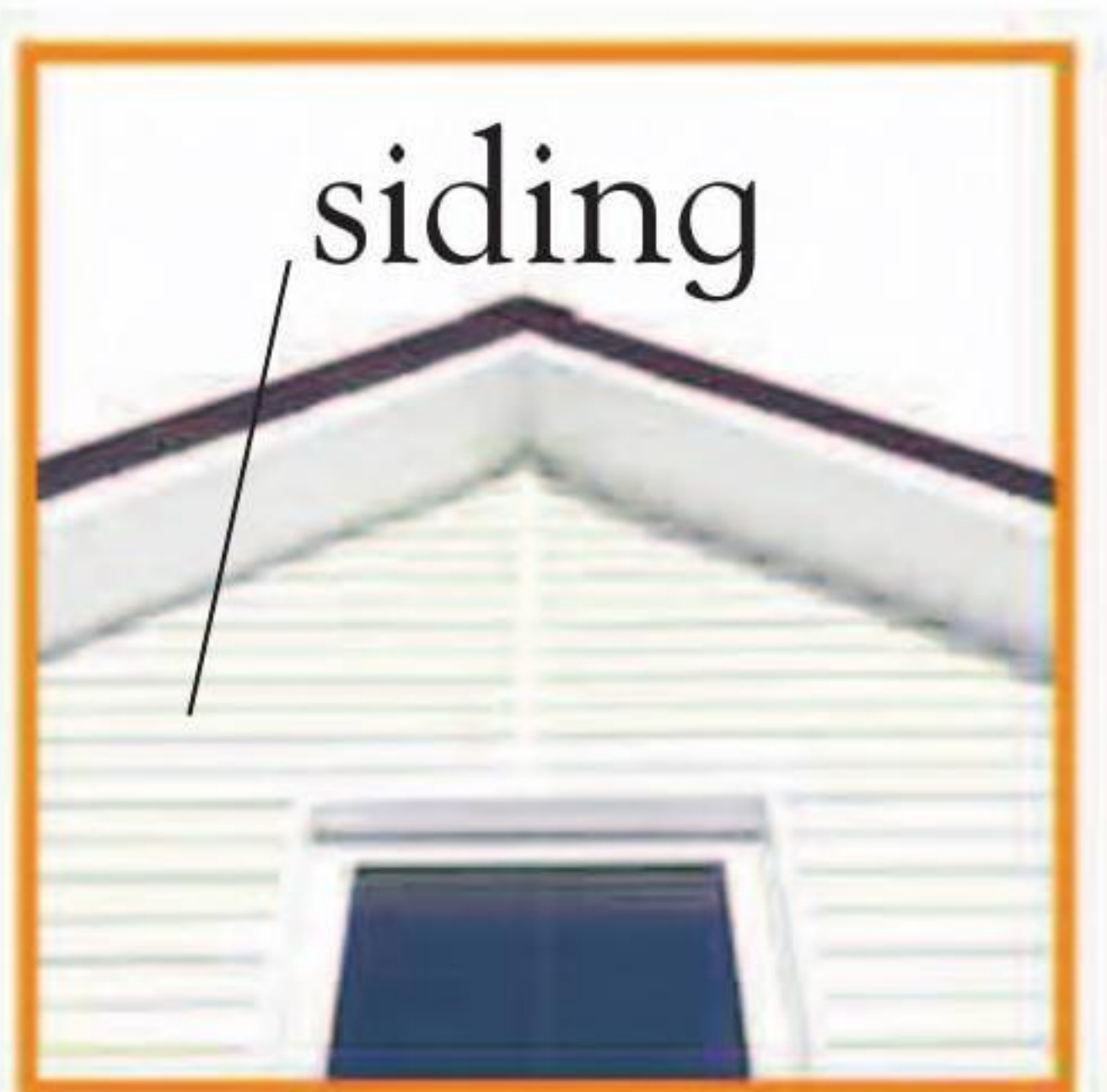
“One month left,”

calls the foreman,
shaking his head.

The huge trucks
arrive with their
heavy loads.



There are concrete blocks and white siding for the walls, shiny windows, and tall doors. The bricklayers spread the mortar and lay the blocks.



The workers are raised on a truck-mounted elevator.



The workers fit the siding
onto the walls.

“Two weeks left,”

shouts the foreman,
rubbing his chin.

The vans arrive.

Here are the plasterer,
the decorator, the
roofer, the plumber,
the electrician, and
the carpenter
to help.



“One week left.
Let’s work together.”

shouts the foreman,
checking the plans.

The trucks arrive with
the furniture.

Everyone helps to unload and
carry it all into the school.



“Stage 4 is done.
Good job!”

says the foreman.

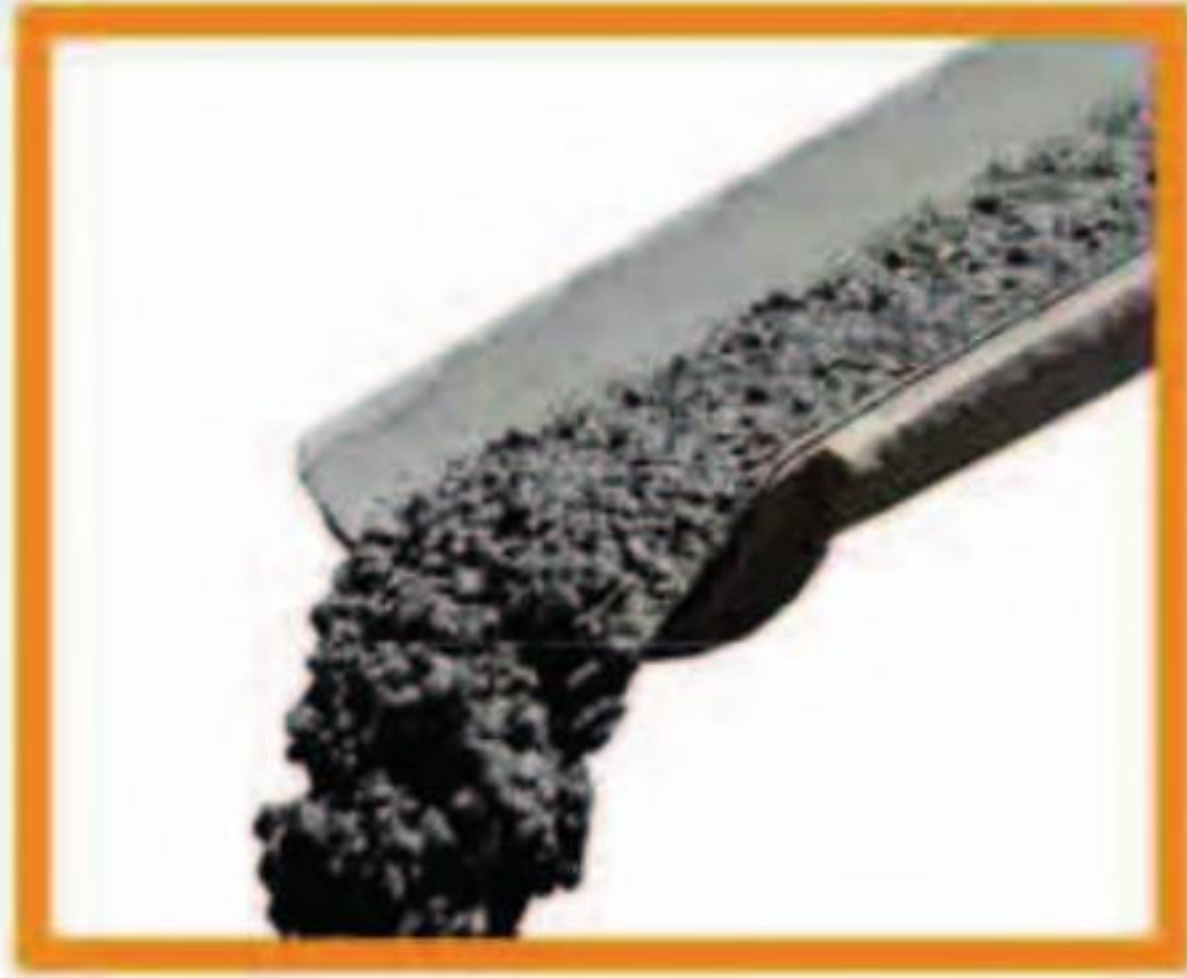
The new school is finished.

The mega machines
rumble away.

Rumble, hum,
rumble!



Glossary



Concrete

mix of cement, sand, small stones, and water



Foreman

someone who is in charge of the other workers



Girder

large, strong steel beam used to make the frame of a building



Plans

drawing to look like a finished building or object



Siding

layer that protects the outside of a building

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DK READERS help children learn to read, then read to learn. If you enjoyed this **DK READER**, then look out for these other titles for your child.

Level 1 Deadly Dinosaurs

Roar! Thud! Meet REXY, Sid, Deano, and Sonia, the dinosaurs that come alive at night in the museum. Who do you think is the deadliest?

Level 1 Little Dolphin

Follow Little Dolphin's adventures when he leaves his mother and joins the older dolphins for the first time. Will he be strong enough to keep up?

Level 1 Bugs Hide and Seek

Surprise! Some bugs have the perfect shape and color to stay hidden. They look like the plants around them. Can you find them?

Level 1 Playful Puppy

Holly's dream has come true—she's been given her very own puppy. Share her delight in the playfulness of her new puppy as she tries to train him.

Level 1 Pirate Attack!

Come and join Captain Blackbeard and his pirate crew for an action-packed adventure on the high seas.



Watch the mega machines
in action as they build
a new school.

DK READERS

Stunning photographs combine with lively illustrations and engaging, age-appropriate stories, in a multilevel reading program guaranteed to capture children's interest while developing their reading skills.

	Learning to read	• High-frequency words • Picture word strips, picture glossary, and simple index • Labels to introduce and reinforce vocabulary • High level of adult participation helpful
	Beginning to read	• Simple sentences and limited vocabulary • Picture glossary and simple index • Adult participation helpful
	Beginning to read alone	• Longer sentences and increased vocabulary • Information boxes full of extra fun facts • Simple index • Occasional adult participation helpful
	Reading alone	• More complex sentence structure • Information boxes and alphabetical glossary • Comprehensive index
	Proficient readers	• Rich vocabulary and challenging sentence structure • Additional information and alphabetical glossary • Comprehensive index

Children will learn to read, then read to learn!

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